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Certificate of Mailing: Date of Deposit: March 17, 2005

I hereby certify under 37 C.F.R. § 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Attention: Certificate of Correction Branch.

Janet D'Annunzio-Ellis  
Printed name of person mailing correspondence

Janet D'Annunzio-Ellis  
Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Denise L. Faustman et al.	Art Unit:	1644
Serial No.:	09/258,682	Examiner:	Patrick J. Nolan
Filed:	February 26, 1999	Customer No.:	21559
Patent No.:	6,773,705		
Issued:	August 10, 2004		
Title:	METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE DISEASE		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Attention: Certificate of Correction Branch

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323

Applicants hereby request that a Certificate of Correction be issued in the patent identified above. The errors to be corrected are of a minor, typographical nature, occurred in good faith, and are described in detail on the enclosed PTO Form 1050.

The data in Figures 5A and 5B are difficult to see. On January 26, 2004, applicants submitted replacement drawings for these figures. In support of the correction

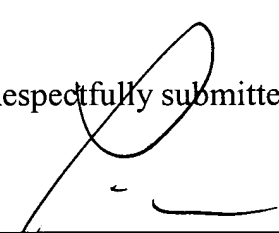
of Figures 5A and 5B, applicants enclose copies of the replacement drawing sheets for these figures.

Enclosed is a check for \$100.00 in payment of the fee set forth in 37 C.F.R.

§ 1.20(a). If there are any other charges or any credits, please apply them to Deposit Account No. 03-2095.

Date: March 17, 2005

Respectfully submitted,

  
\_\_\_\_\_  
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Reg. No. 30,162

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**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

PATENT NO. 6,773,705  
DATED August 10, 2004  
INVENTORS Denise L. Faustman and Takuma Hayashi

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

OTHER PUBLICATIONS

Grilli, et al. reference, replace "1986" with - -1996- -;  
Haas and Siepmann reference, replace "1258" with - -1268- -; and  
Van Nocker, et al. reference, replace "1986" with - -1996- -.

Fig. 5A and Fig. 5B, replace drawing sheets 10 and 11 with  
replacement drawing sheets 10 and 11 as filed on January 26,  
2004.

Column 1,

Line 22, replace "Therafter" with - -Thereafter- -;  
Line 45, replace "refereed" with - -referred- -; and  
Line 45, replace "OF-1, OF-2, and OF-3" with - -CF-1, CF-2, CF-3-  
-; and  
Line 49, replace "(OF-3)" with - -CF-3 - -.

Column 2,

Line 30, replace "an" with - -at- -.

Column 3,

Line 7, before "Ubiquitination" insert - -i- -.

Column 6,

Line 22, after "thereof" insert - -.- -; and  
Line 36, replace "immocytochemistry" with - -immunocytochemistry-  
-.

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INVENTORS Denise L. Faustman and Takuma Hayashi

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 9,  
Line 19, replace "in in" with - -in- -.

Column 12,  
Line 21, replace "OF-2" with - -CF-2- -;  
Line 29, replace "OF-2" with - -CF-2- -;  
Line 60, replace "OF-2" with - -CF-2- -; and  
Line 67, replace "OF-2" with - -CF-2- -.

Column 13,  
Line 41, replace "OF-2" with - -CF-2- -; and  
Line 49, replace "OF-2" with - -CF-2- -.

Column 14,  
Line 54, replace "8-azide- $\alpha$ -<sup>32</sup>P) ATP" with - -8-azide-( $\alpha$ -<sup>32</sup>P) ATP-  
-.

Column 18,  
Line 6, replace "OF-2" with - -CF-2- -; and  
Line 33, replace "PA28 $\beta$ (see" with - - PA28 $\beta$  (see- -.

Column 20,  
Line 60, before "671" insert - -63,- -.

Column 21,  
Line 50, replace "ulteration" with - -ulceration- -.

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Column 23,

Line 9, after "xenostomia" insert - -.- -; and

Line 28, replace "os" with - -of- -.

Column 24,

Line 2, replace "0-cell" with - - $\beta$ -cell- -;

Line 14, replace "symntoms" with - -symptoms- -; and

Line 51, replace "I-12" with - -IL-12- -.

Column 25,

Line 37, replace "stiffniess" with - -stiffness- -.

Column 26,

Line 20, replace "in, vitro" with - -in vitro- -.

Column 27,

Line 14, replace "H-2<sup>8</sup>" with - -H-2<sup>9</sup>- -.

Column 28,

Line 4, after "3080)" insert - -.- -;

Line 26, replace "487480" with - -487-480- -; and

Line 67, replace "1996Science" with - -1996 Science- -.

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Column 29,

Line 22, replace "IαBkmarking" with - - IαBk marking- -;

Line 38, after "resulting" insert - -in- -;

Line 55, replace "a" with - -α- -; and

Line 67, after "believed" insert - -to- -.

Column 31,

Line 41, replace "an" with - -and- -;

Line 44, replace "a" with - -α- -; and

Line 53, replace "arc" with - -are- -.

Column 34,

Line 4, after "of" insert - -. - -; and

Line 18, omit "are".

Column 35,

Line 8, after "herein" insert - -. - -; and

Line 14, after "ism" insert - -, - -.

Column 36,

Line 11, replace "used" with - -use- -;

Line 44, after "thereof" insert - -. - -;

Line 51, replace "does" with - -dose- -; and

Line 60, after "host" insert - -. - -.

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Column 37,  
Line 40, replace "members" with - -member- -.

Column 38,  
Line 39, replace "art." with - -art).- -.

Column 39,  
Line 39, replace "2-nitro5-" with - -2-nitro-5-- -; and  
Line 46, after "papaya" insert - -.- -.

Column 40,  
Line 61, replace "practised" with - -practiced- -; and  
Line 64, replace "replication,are" with - -replication are- -.

Column 42,  
Line 31, replace "polyhrneric" with - -polymeric- -;  
Line 52, replace "glucopolysachharides" with  
- -glucopolysaccharides- -; and  
Line 56, replace "pGlcNAc" with - -p-GlcNAc- -.

Column 43,  
Line 31, replace "of such of skill" with - -of skill- -; and  
Line 51, replace "small." with - -small- -.

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Column 44,

Line 17, before "relieve" insert - -to- -;

Line 33, replace "5.578,314" with - -5,578,314- -; and

Line 49, replace "protein" with - -protein,- -.

Column 45,

Line 10, replace "differentiations" with - -differentiations,- -;  
and

Line 23, replace "thejudgmment" with - -the judgment- -.

Column 46,

Line 2, after "it" insert - -is- -;

Line 22, replace "North" with - -Northern- -;

Line 25, after "Cloning" insert - -.- -;

Line 41, replace "μvolume" with - -μl volume- -;

Line 44, replace "10 μl (200U)" with - -1 μl (200U)- -; and

Line 58, before "minutes" insert - -20- -.

Column 48,

Line 27, replace "arid" with - -and- -;

Line 53, replace "used.," with - -used.- -; and

Line 56, before "seconds" insert - -15- -.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 49,

Line 28, replace "reaction," with - -reaction.- -;  
Line 42, replace "stainig" with - -staining- -; and  
Line 42, replace "96well" with - -96-well- -.

Column 50,

Line 15, replace "DATP" with - -dATP- -;  
Line 18, replace "thorougly" with - -thoroughly- -;  
Line 24, after "added" insert - -to- -;  
Line 44, after "using" insert - -20- -; and  
Line 63, replace "(ml" with - -(5 ml- -.

Column 51,

Line 2, replace "rmoved" with - -removed- -;  
Line 4, replace "hte" with - -the- -;  
Line 5, replace "5-bromo4chloro" with - -5-bromo-4-chloro- -; and  
Line 31, replace "increases" with - -increase- -.

Column 52,

Line 23, after "have to" insert - -be- -;  
Line 42, replace "4%/o" with - -4%- -; and  
Line 57, replace "arc" with - -are- -.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 53,

Line 2, replace "minute" with - -20 minute- -; and

Line 11, replace "Freeman,&" with - -Freeman &- -.

Column 54,

Line 46, replace "fiction" with - -fraction- -.

Column 55,

Line 2, replace "y-" with - -γ-- -; and

Line 11, replace "ribofuranosylbenzimidazole." with  
- -ribofuranosylbenzimidazole- -.

Column 56,

Line 4, replace "it" with - -if- -; and

Line 56, replace "[<sup>35</sup>]" with - -[<sup>35</sup>S]- -.

Column 58,

Line 10, replace "comlexes" with - -complexes- -;

Line 30, replace "NFκp65" with - - NFκBp65- -;

Line 37, replace "EXAMPLE2" with - -EXAMPLE 2- -;

Line 51, replace "AkB" with - - A κB- -; and

Line 63, replace "Molt4" with - -Molt-4- -.

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Column 59,

Line 7, before "minutes" insert - -30- -;

Line 16, replace " $\mu$ l)," with - - $\mu$ l,- -;

Line 45, before "minutes" insert - -30- -; and

Line 51, replace "4.5 MM" with - -4.5 mM- -.

Column 60,

Line 7, replace "Molt4" with - -Molt-4- -;

Line 8, replace "-nuclear" with - -nuclear- -; and

Line 48, replace "Molt4" with - -Molt-4- -.

Column 61,

Line 31, before "minutes" insert - -30- -; and

Line 32, replace "(H" with - -(pH- -.

Column 62,

Line 3, replace "I1" with - -11- -;

Line 21, replace "Cane" with - -lane- -; and

Line 43, replace "lanes and 9" with - -lanes 5 and 9- -.

Column 63,

Line 45, replace "p 1 05" with - -p105- -.

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Column 64,

Line 9, replace "lone" with - -one- -;  
Line 37, replace "of <sup>3</sup>" with - - of <sup>32</sup>P- -;  
Line 49, before "minutes" insert - -30- -;  
Line 56, before "minutes" insert - -15- -;  
Line 61, replace "<sup>32</sup>P" with - -<sup>32</sup>P- -;  
Line 62, replace "in" with - -for- -; and  
Line 63, replace "Lanes" with - -Lane- -.

Column 65,

Line 26, replace "T12" with - -T2- -.

Column 66,

Line 6, before "mM ATP" insert - -10- -.

Column 70,

Line 2, replace "p50subunit" with - -p50 subunit- -;  
Line 12, replace "AAB)" with - -(AB)- -;  
Line 12, replace "(SEQ ID NO:5" with - -(SEQ ID NO:5)- -;  
Line 16, replace "BE" with - -BB- -;  
Line 23, replace "(SEQ ID NO:4) AB" with - -AB (SEQ ID NO:4)- -;  
Line 27, before "affinity" insert - -with high- -;  
Line 30, replace "inthe" with - -in the- -;  
Line 33, replace "lymphocytes.," with - -lymphocytes.- -; and  
Line 38, after "disorders" insert - -.- -.

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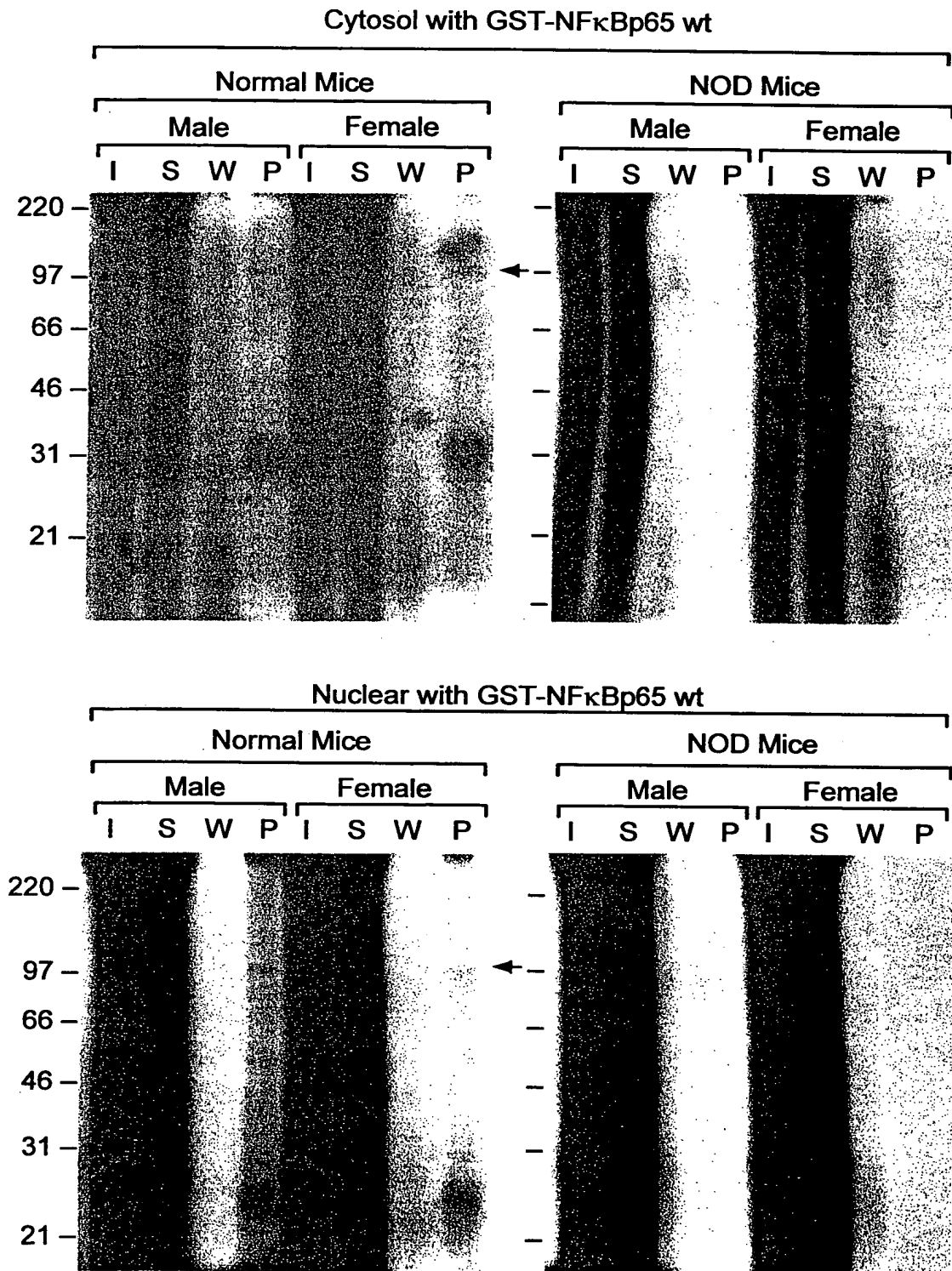


FIG. 5A

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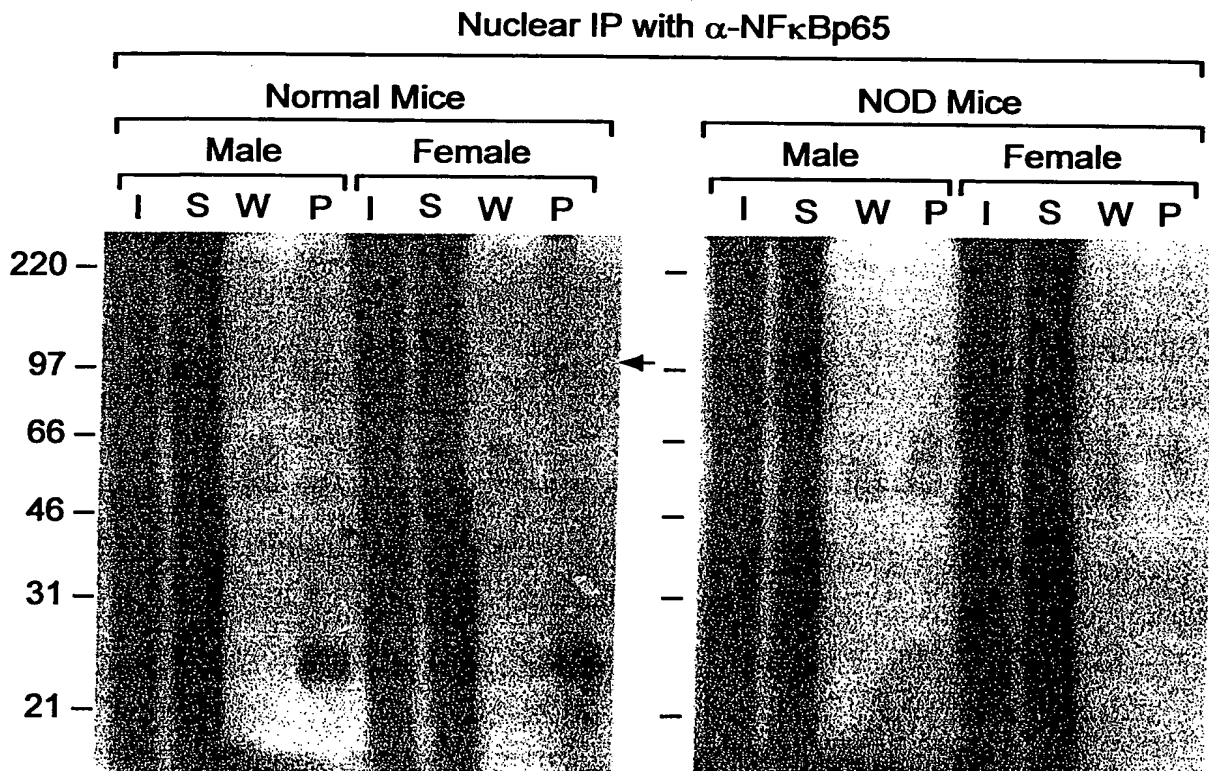
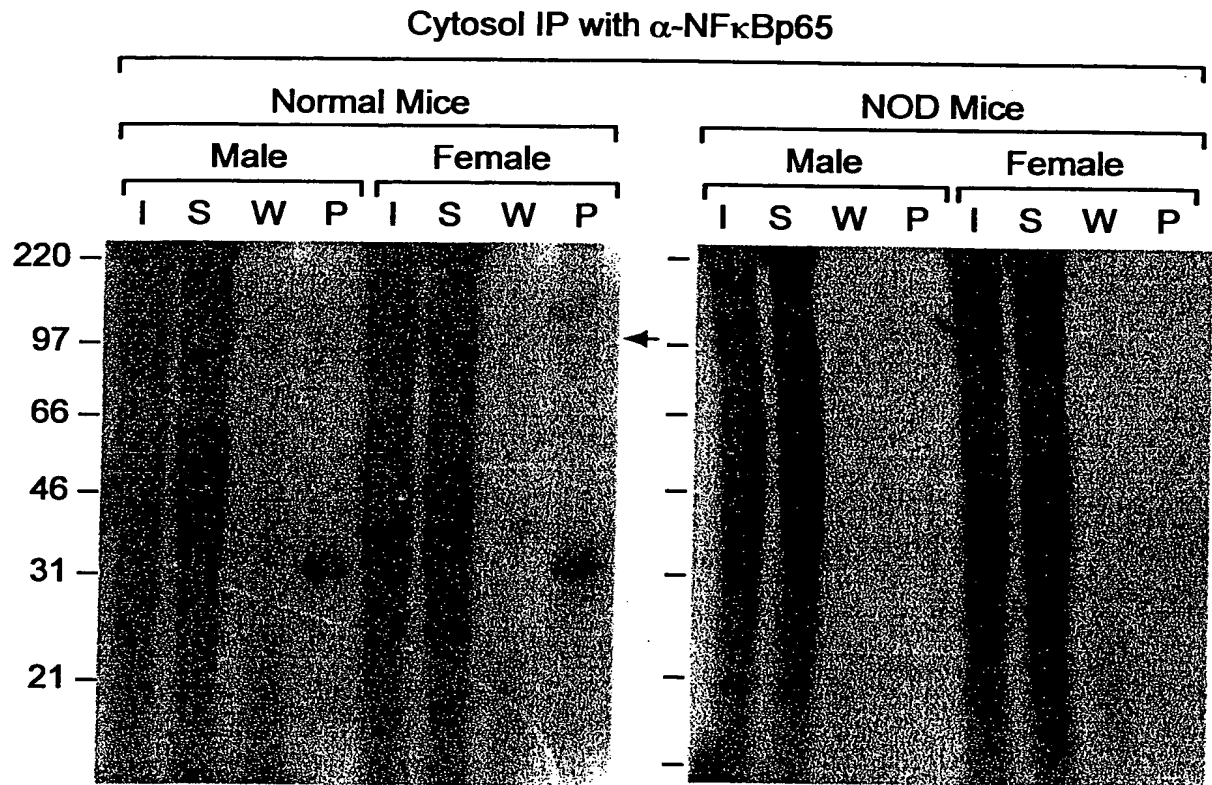


FIG. 5B